

P06922PC00

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PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Swedish Patent Office (RO/SE)
0-7	Applicant's or agent's file reference	P06922PC00
I	Title of Invention	A TWO-STEP SYSTEM FOR IMPROVED INITIAL AND FINAL CHARACTERISTICS OF A BIOMATERIAL
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name:	DOXA AB
II-5	Address:	Axel Johanssons Gata 4-6 754 51 Uppsala Sweden
II-6	State of nationality	SE
II-7	State of residence	SE
II-8	Telephone No.	+46 8 478 2000
II-9	Facsimile No.	+46 8 478 2001
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	HERMANSSON, Leif
III-1-5	Address:	Länna Gård 740 11 Länna Sweden
III-1-6	State of nationality	SE
III-1-7	State of residence	SE

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	ENGQVIST, Håkan
III-2-5	Address:	Margaretavägen 12 741 44 Knivsta Sweden
III-2-6	State of nationality	SE
III-2-7	State of residence	SE
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	SPENGLER, Håkan
III-3-5	Address:	Torkelsgatan 8B 753 29 Uppsala Sweden
III-3-6	State of nationality	SE
III-3-7	State of residence	SE
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name:	DR. LUDWIG BRANN PATENTBYRÅ AB
IV-1-2	Address:	P.O. BOX 171 92 104 62 Stockholm Sweden
IV-1-3	Telephone No.	+ 46 8 429 10 00
IV-1-4	Facsimile No.	+ 46 8 429 10 70
IV-1-5	e-mail	brann@brann.se
IV-1-6	Agent's registration No.	556483-6210
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	

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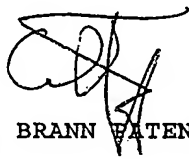
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VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	29 October 2003 (29.10.2003)	
VI-1-2	Number	0302844-6	
VI-1-3	Country	SE	
VI-2	Priority claim of earlier national application		
VI-2-1	Filing date	22 April 2004 (22.04.2004)	
VI-2-2	Number	0401026-0	
VI-2-3	Country	SE	
VI-3	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2	
VII-1	International Searching Authority Chosen	Swedish Patent Office (ISA/SE)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	2	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	10	✓
IX-2	Description	17	-
IX-3	Claims	5	-
IX-4	Abstract	1	✓
IX-5	Drawings	0	-
IX-7	TOTAL	33	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	NONE	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name:	DR. LUDWIG BRANN PATENTBYRÅ AB	
X-1-2	Name of signatory	Gustaf Örn	
X-1-3	Capacity	Agent	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/SE
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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PCT (ANNEX - FEE CALCULATION SHEET)

Original (for SUBMISSION)

(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only			
0-1	International Application No.			
0-2	Date stamp of the receiving Office			
0-4	Form PCT/RO/101 (Annex) PCT Fee Calculation Sheet			
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162)		
0-9	Applicant's or agent's file reference	P06922PC00		
2	Applicant	DOXA AB		
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (SEK)	
12-1	Transmittal fee T	⇒	1200	
12-2-1	Search fee S	⇒	13870	
12-2-2	International search to be carried out by SE			
12-3	International filing fee (first 30 sheets) i1	8140		
12-4	Remaining sheets	3		
12-5	Additional amount (X)	90		
12-6	Total additional amount i2	270		
12-7	i1 + i2 = I	8410		
12-12	EASY Filing reduction R	-580		
12-13	Total International filing fee (i-R) I	⇒	7830	
12-14	Fee for priority document			
	Number of priority documents requested	2		
12-15	Fee per document (X)	0		
12-16	Total priority document fee: P	⇒		
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒	22900	
12-19	Mode of payment	cheque		

A two-step system for chemically bonded ceramic (CBC) materials, and especially a dental filling material or an implant material. The system includes an initial working part-system to provide for improved early-age properties and a second main system to provide for improved end-product properties including bioactivity. The systems interact chemically. The invention also relates to the powdered materials and the hydration liquid, respectively, as well as the formed ceramic material.